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(11) EP 0 817 444 A3

## EUROPEAN PATENT APPLICATION

(12)

(88) Date of publication A3:  
27.12.2000 Bulletin 2000/52

(43) Date of publication A2:  
07.01.1998 Bulletin 1998/02

(21) Application number: 97304697.2

(22) Date of filing: 30.06.1997

(51) Int Cl.7: H04L 29/06, H04L 29/12

(84) Designated Contracting States:  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC  
NL PT SE

(30) Priority: 01.07.1996 US 674561

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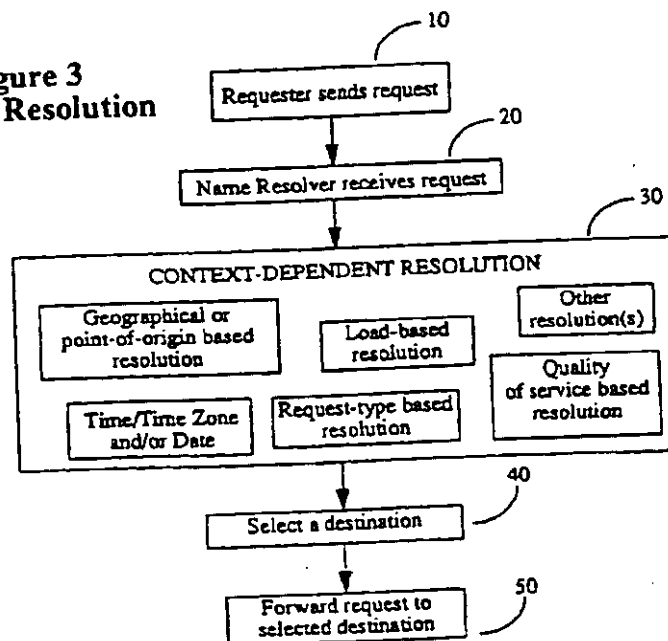
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### (54) System for context-dependent name resolution

(57) A context-dependent, multiply binding name resolution system. A name resolver is provided, connected to either a requester's system or a receiver's system, or both. Requests to a given service or domain name are resolved to the appropriate IP address. The intended recipient of the request is resolved based upon a combination of one or more predetermined criteria, including: information about the sender (e.g. geographical

location, specific requester identity, etc.); information about the intended recipient (e.g. load balance at the receiver, type of service, etc.); information contained within the request itself (e.g. type of service requested); or other information (time of day, date, random selection of recipient, e.g.). The system is implemented in hardware and/or software, and the resolution criteria can be made interdependent or independent.

Figure 3  
Service Resolution



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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 97 30 4697

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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07-11-2000

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For more details about this annex : see Official Journal of the European Patent Office, No 12/82